Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042421\
Data File : BF123720.D
Acq On : 24 Apr 2021 16:48
Operator : JU/CG
Sample : M2107-03MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-29-9.5-10.0MSD

Manual Integrations APPROVED
mohammad
4/26/2021 11:38:40 AM

Quant Time: Apr 26 06:08:53 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF041521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 26 05:40:49 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.822	152	236484	20.00	ng		0.00
21) Naphthalene-d8	8.110	136	921286	20.00	ng		0.00
39) Acenaphthene-d10	9.863	164	452193	20.00	ng		0.00
64) Phenanthrene-d10	11.351	188	889865	20.00	ng		0.00
76) Chrysene-d12	13.998	240	665788	20.00	ng		0.00
86) Perylene-d12	15.451	264	518702	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.446	112	1646441	112.53	ng		0.00
7) Phenol-d6	6.463	99	2162438	106.65	ng		0.00
23) Nitrobenzene-d5	7.387	82	1551244	77.41	ng		0.00
42) 2,4,6-Tribromophenol	10.657	330	646471	126.25	ng		0.00
45) 2-Fluorobiphenyl	9.186	172	2310547	76.17	ng		0.00
79) Terphenyl-d14	12.939	244	2537364	74.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.558	88	289610	37.89	ng		96
3) Pyridine	3.299	79	805299	43.08	ng		91
4) n-Nitrosodimethylamine	3.246	42	507733	45.84	ng		96
6) Aniline	6.481	93	836263	35.04	ng	#	54
8) 2-Chlorophenol	6.610	128	744698	47.38	ng		97
9) Benzaldehyde	6.369	77	510555	38.57	ng		99
10) Phenol	6.475	94	982235	45.62	ng		84
11) bis(2-Chloroethyl)ether	6.557	93	758196	47.36	ng		99
12) 1,3-Dichlorobenzene	6.763	146	724049	44.81	ng		98
13) 1,4-Dichlorobenzene	6.840	146	734416	44.79	ng		98
14) 1,2-Dichlorobenzene	6.992	146	712410	46.24	ng		97
15) Benzyl Alcohol	6.969	79	751390	46.97	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1609381	44.53	ng		99
17) 2-Methylphenol	7.081	107	635910	47.09	ng		98
18) Hexachloroethane	7.334	117	302102	46.21	ng		96
19) n-Nitroso-di-n-propyla...	7.240	70	582413	43.36	ng		97
20) 3+4-Methylphenols	7.234	107	758922	44.04	ng	#	82
22) Acetophenone	7.234	105	1085803	42.49	ng		94
24) Nitrobenzene	7.404	77	909822	43.12	ng		93
25) Isophorone	7.645	82	1678845	43.18	ng		100
26) 2-Nitrophenol	7.722	139	386868	53.65	ng		99
27) 2,4-Dimethylphenol	7.763	122	672997	50.58	ng		98
28) bis(2-Chloroethoxy)met...	7.857	93	935892	47.97	ng		99
29) 2,4-Dichlorophenol	7.969	162	586163	45.24	ng		97
30) 1,2,4-Trichlorobenzene	8.051	180	607767	43.65	ng		97
31) Naphthalene	8.128	128	2041745	43.02	ng		99
32) Benzoic acid	7.892	122	401144	45.56	ng		99
33) 4-Chloroaniline	8.175	127	218204	11.20	ng		94
34) Hexachlorobutadiene	8.251	225	370226	42.38	ng		98
35) Caprolactam	8.551	113	230611m	50.98	ng		
36) 4-Chloro-3-methylphenol	8.663	107	785927	46.77	ng		98
37) 2-Methylnaphthalene	8.822	142	1339515	43.05	ng		98
38) 1-Methylnaphthalene	8.922	142	1242245	42.19	ng		100
40) 1,2,4,5-Tetrachloroben...	8.986	216	586376	46.98	ng		99
41) Hexachlorocyclopentadiene	8.975	237	616598	95.07	ng		98
43) 2,4,6-Trichlorophenol	9.098	196	429719	50.74	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.145	196	454787	49.12	ng	96
46) 1,1'-Biphenyl	9.286	154	1649157	46.60	ng	99
47) 2-Chloronaphthalene	9.310	162	1222389	45.90	ng	99
48) 2-Nitroaniline	9.404	65	581402	52.40	ng	92
49) Acenaphthylene	9.728	152	2141843	49.16	ng	99
50) Dimethylphthalate	9.592	163	1582410	50.65	ng	99
51) 2,6-Dinitrotoluene	9.651	165	340440	49.64	ng	89
52) Acenaphthene	9.898	154	1491628m	53.36	ng	
53) 3-Nitroaniline	9.816	138	220324	27.70	ng	96
54) 2,4-Dinitrophenol	9.928	184	369154	122.55	ng	96
55) Dibenzofuran	10.069	168	1826077	45.54	ng	100
56) 4-Nitrophenol	9.992	139	605929	99.40	ng	96
57) 2,4-Dinitrotoluene	10.057	165	451802	49.33	ng	94
58) Fluorene	10.416	166	1447947	45.94	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.192	232	370428	50.24	ng	98
60) Diethylphthalate	10.286	149	1626004	47.54	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	671810	46.18	ng	98
62) 4-Nitroaniline	10.439	138	395896	49.28	ng	97
63) Azobenzene	10.563	77	1755167	45.31	ng	97
65) 4,6-Dinitro-2-methylph...	10.463	198	234514	50.51	ng	90
66) n-Nitrosodiphenylamine	10.528	169	1304130	45.78	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	428984	46.11	ng	95
68) Hexachlorobenzene	10.963	284	483757	46.14	ng	98
69) Atrazine	11.057	200	431546	48.61	ng	98
70) Pentachlorophenol	11.157	266	509883	93.08	ng	97
71) Phenanthrene	11.375	178	2084164	44.88	ng	99
72) Anthracene	11.428	178	2142737	46.17	ng	99
73) Carbazole	11.580	167	2070461	44.69	ng	98
74) Di-n-butylphthalate	11.916	149	2575988	45.94	ng	99
75) Fluoranthene	12.569	202	2290797	44.88	ng	98
77) Benzidine	12.686	184	1088875	60.16	ng	97
78) Pyrene	12.798	202	2357148	48.51	ng	98
80) Butylbenzylphthalate	13.416	149	1117856	48.96	ng	95
81) Benzo(a)anthracene	13.986	228	1816540	44.52	ng	99
82) 3,3'-Dichlorobenzidine	13.945	252	333089	25.56	ng	98
83) Chrysene	14.021	228	1786364	43.60	ng	99
84) Bis(2-ethylhexyl)phtha...	13.974	149	1381762	45.51	ng	99
85) Di-n-octyl phthalate	14.592	149	2287150	46.81	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1643850	59.40	ng	99
88) Benzo(b)fluoranthene	15.033	252	1588301	43.37	ng	98
89) Benzo(k)fluoranthene	15.063	252	1468450	44.76	ng	100
90) Benzo(a)pyrene	15.398	252	1322680	45.41	ng	96
91) Dibenzo(a,h)anthracene	16.933	278	1328010	56.73	ng	99
92) Benzo(g,h,i)perylene	17.357	276	1414362	58.20	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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